

TEXAS WATER COMMISSION

**MUNICIPAL SOLID WASTE
MANAGEMENT DIVISION**

June 8, 1992 JH

PERMIT APPLICATION

No. 1062-A

APPLICANT: City of Garland

COUNTY: Dallas

412

DALLAS AERIAL SURVEYS, INC.
10220 Forest Lane
DALLAS, TEXAS 75243
Phone 349-2190

9-21-85

1"=1500'

PA # 1277-

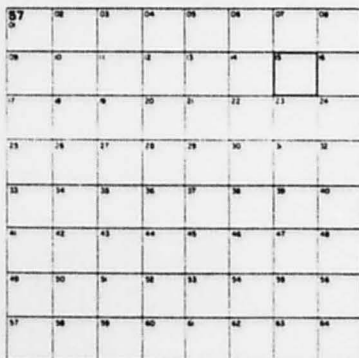
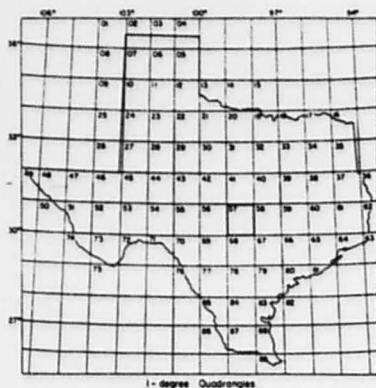
-A



37-41

LOCATION OF WELL 57-15-701

- 57 1-degree quadrangle
- 15 7½-minute quadrangle
- 7 2½-minute quadrangle
- 01 Well number within 2½-minute quadrangle



WELL-NUMBERING SYSTEM

To facilitate the location of wells and avoid duplication of well numbers, the Texas Department of Water Resources has adopted a statewide well-numbering system. It is based on division of the State into a grid of 1-degree quadrangles formed by degrees of latitude and longitude and the repeated division of these quadrangles into smaller ones as shown on the following diagram.

Each 1-degree quadrangle is divided into sixty-four 7½-minute quadrangles, each of which is further divided into nine 2½-minute quadrangles. Each 1-degree quadrangle in the State has been assigned an identification number. The 7½-minute quadrangles are numbered consecutively from left to right, beginning in the upper left-hand corner of the 1-degree quadrangle, and the 2½-minute quadrangles within each 7½-minute quadrangle are similarly numbered. The first 2 digits of a well number identify the 1-degree quadrangle; the third and fourth digits, the 7½-minute quadrangle; the fifth digit identifies the 2½-minute quadrangle, and the last 2 digits identify the well within the 2½-minute quadrangle.



QUICK REFERENCE GUIDE

For complete definition and explanation of codes and terms, see Ground Water Data System Dictionary
See Data Dictionary for lists of codes for County, River Basin, Zone, Shore and Aquifer

SOURCE OF COORDINATES: 1, Accurate to ± 1 Second; 2, Accurate to ± 5 Seconds; 3, Accurate to ± 10 Seconds; 4, Accurate to ± 1 Minute; 5, Centered in 2 1/2 Quadrangle Based on SWN.

SOURCE, DEPTH DATUM: A, Government Agency; D, Drillers Log or Well Report; G, Geologist-Consultant; L, Geophysical Log; M, Memory (owner, operator, driller); O, Reported by Owner; R, Reported by Persons Other Than Owner, Driller or other Government Agency; S, Measured by Reporting Agency; Z, Other Source.

SOURCE, ALTITUDE DATA: A, Altimeter; G, Geographical Positioning System; L, Level or Surveying Method; M, Topographic Map; Z, Other.

WELL TYPE: A, Anode; C, Repressure; D, Drain; E, Geothermal; G, Seismic; H, Heat Reservoir; M, Mine; O, Observation; P, Oil and Gas Well; R, Recharge; S, Spring; T, Test Hole; W, Withdrawal of Water; X, Waste Disposal.

USER CODE: To be Supplied by Agency Water Use Inventory.

CONSTRUCTION METHOD: A, Air Rotary; B, Bored or Augered; C, Cable-Tool; D, Dug; H, Hydraulic Rotary; J, Jetted; P, Air Percussion; R, Reverse Rotary; T, Trenching; V, Driven; W, Drive and Wash; Z, Other.

CASING MATERIAL: B, Brick; C, Concrete; D, Copper; G, Galvanized Iron; I, Wrought Iron; M, Other Metal; P, PVC, Fiberglass or Other Plastic; R, Rock or Stone; S, Steel; T, Tile; U, Coated Steel; W, Wood; Z, Other.

SCREEN MATERIAL: B, Brass or Bronze; C, Concrete; G, Galvanized; I, Wrought Iron; M, Other Metal; P, PVC, Fiberglass or Other Plastic; R, Stainless Steel; S, Steel; T, Tile; Z, Other.

COMPLETION OR FINISH: C, Porous Concrete; F, Gravel Pack w/Perforations; G, Gravel Pack w/Screens; H, Horizontal Gallery; O, Open End; P, Perforated or Slotted; S, Screen; T, Sand Plug; U, Sealed; X, Open Hole; Z, Other.

TYPE OF LIFT: A, Air Lift; B, Bucket; C, Centrifugal Pump; J, Jet Pump; N, None; P, Piston Pump; R, Rotary Pump; S, Submersible Pump; T, Turbine; U, Unknown; Z, Other.

FUEL OR POWER: D, Diesel Engine; E, Electric Motor; G, Gasoline; H, Hand; L, LP Gas (Propane or Butane); N, Natural Gas; W, Windmill; Z, Other.

WATER USE: A, Air Conditioning; B, Bottling; C, Commercial; D, Dewater; E, Power; F, Fire; H, Domestic; I, Irrigation; J, Industrial (Cooling); K, Mining; M, Medicinal; N, Industrial; P, Public Supply; Q, Aquaculture; R, Recreation; S, Stock; T, Institution; U, Unused; Y, Desalination; Z, Other.

WATER LEVEL: C, Current Observation Well; H, Historical Observation Well; M, Miscellaneous W.L. Meas.; N, None; R, Recorder.

WATER QUALITY: Y, Analysis Available; N, Analysis Not Available.

LOGS: A, Drilling Time; B, Casing Collar; C, Caliper; D, Drillers; E, Electric; F, Fluid; G, Geologist or Sample; H, Magnetic; I, Induction; J, Gamma Ray; K, Dip Meter Survey; L, Laterlog; M, Microlog; N, Neutron; O, Microlaterlog; P, Photographic; Q, Radioactive Tracer; S, Sonic; T, Temperature; U, Gamma-Gamma; V, Fluid Velocity; Y, Core; Z, Other.

OTHER DATA: A, Aquifer Test; B, Power Yield; C, Specific Capacity; Z, Other.

REPORTING AGENCY: 01, TWDB & Predecessor Agencies; 02, U.S. Geol. Survey; 03, TWC (after 9-1-85); 04, Consultants (Under Contract w/TWDB); 05, Ground Water Conservation Dist.; 06, River Authorities; 07, Other State Agencies; 08, Universities; 09, Other Federal Agencies.

WELL SCHEDULE: Y, Well Schedule in File; N, Well Schedule Not in File.

- LP-130 Evaluating the Ground-Water Resources of the High Plains of Texas: Results of Surface Electrical Resistivity Surveys
By Daniel A. Muller
July 1980
- M064 Records of Wells, Dallam County, Texas
August 1937
- R137 Water-Level Data from Observation Wells in the Northern Panhandle of Texas
By A. Wayne Wyatt
- R248 Water-Level Data from Observation Wells in the Northern Panhandle of Texas, 1972-78
By Howard D. Taylor
June 1980
- R288V1 Evaluating the Ground-Water Resources of the High Plains of Texas, Volume 1
By Tommy R. Knowles, Phillip Nordstrom, William B. Klemt
May 1984
- R288V2 Evaluating the Ground-Water Resources of the High Plains of Texas: Records of Wells, and Maps Showing Well Locations, Base of Aquifer, Water Levels, and Saturated Thickness, Volume 2
By Tommy R. Knowles, Phillip Nordstrom, William B. Klemt
August 1984
- R315 Evaluation of Ground-Water Resources in Dallam County, Texas
By Prescott Christian
March 1989
- R336 Public Supply Ground-Water Use in the Northern High Plains of Texas
By Doug Coker, Theresa C. Waterreus, Darrell S. Peckham, John B. Ashworth
February 1992

DALLAS

- M065 Records of Wells Producing Water from the Travis Peak Formation in the Dallas Area, Texas
By Chris Gard
January 1957
- M066 Records of Wells, Dallas County, Texas
By J. C. Cumley
- R198 Water-Level and Water-Quality Data from Observation Wells in Northeast Texas
By Howard D. Taylor
February 1976
- R269V1 Occurrence, Availability, and Chemical Quality of Ground Water in the Cretaceous Aquifers of North-Central Texas
By Phillip L. Nordstrom
April 1982
- R269V2 Occurrence, Availability, and Chemical Quality of Ground Water in the Cretaceous Aquifers of North-Central Texas
By Phillip L. Nordstrom
July 1982